UBIBOT

The UbiBot Smart Watch HW1 is an advanced wearable device designed to seamlessly integrate with the UbiBot IoT platform. It offers continuous 24-hour health monitoring, tracking vital metrics such as blood oxygen levels, heart rate, HRV, step count, and body temperature. Its robust 4G connectivity allows for remote access to real-time health data from anywhere, ensuring users can manage and monitor their health from their phone, tablet, or computer.

The HW1 features precise multi-system GNSS tracking, which combines GPS, WiFi, and LBS technologies to deliver accurate real-time location data both indoors and outdoors. This makes it perfect for a wide range of use cases, from personal fitness tracking to asset or personnel monitoring.
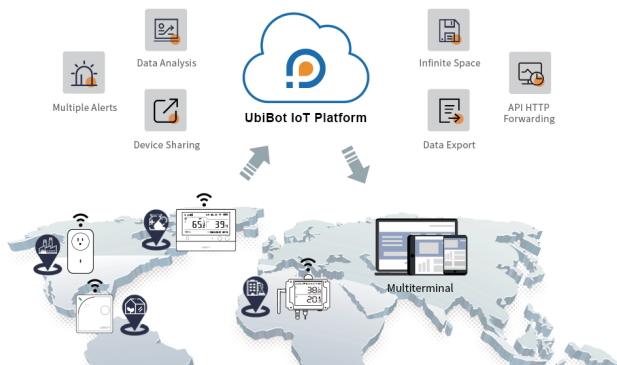
FEATURES

- **Health Monitoring: Blood oxygen levels, heart rate, HRV, step count, body temperature**
- **Reliable Connectivity: 4G Cat.1 network**
- **Vibrant Display: 1.22-inch IPS TFT color touchscreen**
- **Long-lasting Battery: 7-day battery life**
- **Accurate Tracking: Multi-system GNSS (GPS, WiFi, LBS)**
- **Comprehensive Alerts: App, Email, SMS, Voice call, Alexa, LINE Notify, WhatsApp, Command, HTTP**
- **Emergency SOS: Instant assistance at your fingertips**
- **Weather Forecasting: Alerts for storms, earthquakes, tsunamis, and more**
- **Remote Access & Management: Free app and web console for health data**
- **Multi-device Compatibility: Access via phone, tablet, and computer**
- **Flexible Integration: Cloud, private platforms, and open SDK**
- **Customizable Solutions: Tailored software and hardware for unique needs**

Heart Rate   Blood Oxygen

Steps   Temperature

SPECIFICATIONS

Technical Specifications	
Dimensions	48mm x 52mm x 15.5mm
Weight	50g
Display	1.22'' IPS
Material	PC+ABS
Battery	450mAh
Internal Memory	16M Flash
Network	4G Cat.1: FDD:B1/B3/B5/B8; TDD:B34/B38/B39
Sensors	Heart rate sensor ｜ Blood oxygen sensor ｜ Accelerometer ｜ Temperature sensor
Port	Magnetic USB
Operating Environment	Temperature: -10℃~60℃, Humidity: 10%~85%RH
Waterproof	IP67

UbiBot Cloud IoT Platform

Data Management: Easily manage all your smartwatch health data in one place with UbiBot's cloud platform. Add and connect multiple devices to a single UbiBot account, making it simple to track and monitor your health metrics.

Free App & Web Console: Access the UbiBot platform through our free app and web console. Enjoy a user-friendly interface with powerful features that provide in-depth analysis of your health data. Effortlessly track trends, compare metrics, and gain valuable insights.
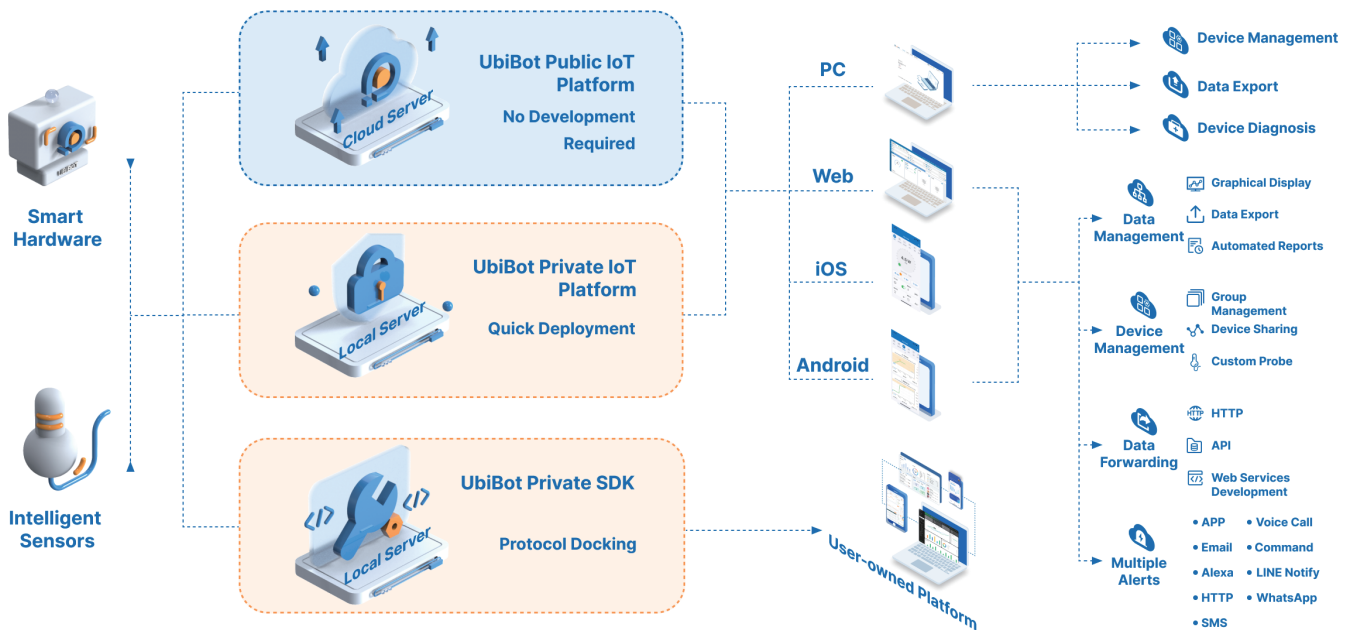
Real-Time Health Alerts: Stay on top of your health with UbiBot's fully customizable alert system. Receive real-time notifications via App, Email, SMS, Voice call, Alexa, LINE Notify, WhatsApp, Command, HTTP whenever any health metric (e.g., heart rate, oxygen levels, body temperature) falls outside of your preset range. Stay informed and take action immediately if necessary.

Health Data Analysis: Analyze your health data to track trends, compare metrics, and gain personalized insights for better health decisions.

Automated Report: Automatic data reports generated in CSV, PDF, and HTML formats for easy tracking and analysis of your health metrics.

Effortless Multi-System Integration and Customization

The Smart Watch HW1 is built for seamless integration across multiple systems, whether you rely on public clouds, private platforms, or proprietary systems. With its multi-platform compatibility and open SDK, customizing and scaling your operations has never been simpler.

Smart Hardware

Intelligent Sensors

UbiBot Public IoT Platform
No Development Required
Cloud Server

UbiBot Private IoT Platform
Quick Deployment
Local Server

UbiBot Private SDK
Protocol Docking
Local Server

PC

Web

iOS

Android

User-owned Platform

- Device Management
- Data Export
- Device Diagnosis

Data Management
- Graphical Display
- Data Export
- Automated Reports

Device Management
- Group Management
- Device Sharing
- Custom Probe

Data Forwarding
- HTTP
- API
- Web Services Development

Multiple Alerts
- APP
- Email
- Alexa
- HTTP
- SMS
- Voice Call
- Command
- LINE Notify
- WhatsApp

Easily Customizable

The UbiBot Smart Watch offers limitless customization, allowing you to fully tailor its features to your project's specific requirements. Whether your focus is on fitness tracking, optimizing productivity, or conducting specialized research, the device can be configured without restrictions to meet the unique needs of your project. Its flexibility in both hardware and software ensures it can adapt to any industry or application, providing the perfect solution for a wide range of professional uses.